

Receipt date: 02/14/2006

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**107568227**

**1AP20 Rec'd PCT/PTO 14 FEB 2006**

Customer No. 22,852

Attorney Docket No. 02814.0087

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

**Vivian ALBERTS**

Application No.: **Not Yet Assigned**

Filed: **February 14, 2006**

National Stage of International Application No.

**PCT/IB2004/051458** under 35 U.S.C. 371, for

**METHOD FOR THE PREPARATION OF**

**GROUP IB-III A-VIA QUATERNARY OR**

**HIGHER ALLOY SEMICONDUCTOR FILMS**

Group Art Unit: **Not Yet Assigned**

Examiner: **Not Yet Assigned**

**MAIL STOP PCT**

**Commissioner for Patents**

**P.O. Box 1450**

**Alexandria, VA 22313-1450**

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicant brings to the Examiner's attention the documents listed on attached Form PTO/SB/08 and cited in the international search report. With exception of the U.S. patent, copies of the listed documents are attached. Applicant respectfully requests that the Examiner consider the documents listed on attached Form PTO/SB/08 and indicate that they were considered by making an appropriate notation on this form. This Information Disclosure Statement is being filed with the above-referenced application.

Also enclosed is an English-language international search report from the European Patent Office in the PCT international application, from which this national phase U.S. application is derived.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.R./

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documents as prior art against any claim in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: February 14, 2006

By: 

Ernest F. Chapman  
Reg. No. 25,961

Enclosures  
EFC/FPD/sci

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IDS Form PTO/SB/08: Substitute for form 1449A/PTO				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Filing Date	February 14, 2006
				First Named Inventor	Vivian ALBERTS
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	02814.0087
Sheet	1	of	1		

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-5,436,204	07-25-1995	ALBIN et al.	

**Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004**

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		NAGOYA, Y. et al., "Role of Incorporated Sulfur Into the Surface of Cu(InGa)Se <sub>2</sub> Thin-Film Absorber," Solar Energy Materials & Solar Cells, Vol. 67, pp. 247-253, (2001).	
		KUSHIYA, K. et al., "Formation Chemistry of Polycrystalline Cu(InGa)Se <sub>2</sub> Thin-Film Absorbers Prepared by Selenization of Cu-Ga/In Stacked Precursor Layers with H <sub>2</sub> Se Gas," Mat. Res. Soc. Symp. Proc., Vol. 426, pp. 177-182, (1996).	
		KUSHIYA, K. et al., "Development of Cu(InGa)Se <sub>2</sub> Thin-Film Solar Cells With Zn-Compound Buffer," 13 <sup>th</sup> European Photovoltaic Solar Energy Conference, Nice, France, Vol. 2 of 2, Conf. 13, pp. 2016-2019, (October 1995).	
		KUSHIYA, K. et al., "The Role of Cu(InGa)(SeS) <sub>2</sub> Surface Layer on a Graded Band-Gap Cu(InGa)Se <sub>2</sub> Thin-Film Solar Cell Prepared by Two-Stage Method," 25 <sup>th</sup> IEEE Photovoltaic Specialists Conference, pp. 989-992, (May 1996).	

Examiner Signature	/Matthew Reames/	Date Considered	04/09/2009
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.R./